

Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1. (Currently Amended) An epicycloidal motor comprising a stator core formed by a combination of multiple split core pieces, each split [[care]] core piece having a slot; and a stator winding conductor wound in said slot; wherein:

 said split core pieces are provided in the form of tees;

 a ratio of an overall effective area of said conductor to an effective sectional area of said slot is 0.5 to 0.8;

 each of said tees comprises a tee base connected with a cylindrical housing which is made of a nonmagnetic material, a tee column extending along a periphery from said tee base, and a tee flange extending in the circumferential direction on both sides of a tip of said tee column;

 said slots are formed on an inner periphery of the tee flange and on both sides of the tee column;

 an outer periphery of said tee flange is formed in a circular arc; and

flat inclinations are arranged on both ends of the outer periphery.

Claim 2. (Cancelled)

Claim 3. (Previously Presented) The epicycloidal motor according to Claim 1, wherein the ratio of a range angle of said flat inclination as viewed from a center of said stator core relative to a range angle of said circular arc as viewed from the center of said stator core is 0.2 through 0.75.

Claims 4.-9. (Cancelled)

Claim 10. (Previously Presented) The epicycloidal motor according to Claim 1, wherein said conductor has a circular cross section, and is wound on the slot in a regular winding method.

Claim 11. (Previously Presented) The epicycloidal motor according to Claim 3, said conductor has a circular cross section, and is wound on the slot in a regular winding method.

Claims 12.-16. (Cancelled)